

About Glenair Series 74 Helical Convulsed Tubing Styles

Glenair offers our polymer plastic Series 74 Helical Convulsed Tubing unshielded or with a variety of braids to meet various electromagnetic shielding requirements. Type A is provided unshielded; Type B unshielded, with a protective outer braided black Dacron® covering; Types C through F define standard combinations of braided metal EMI shielding; Type G unshielded, with an outer elastomeric jacket. Other combinations can be provided upon request.

Glenair Series 74 Helical Convulsed Tubing is manufactured in conformance to SAE-AMS-T-81914, providing the user with standard and thin wall thickness, and a choice of standard or close convulsions. For low-smoke zero-halogen applications that require a high strength and superior crush resistance, Glenair can supply PEEK™ tubing (semicrystalline thermoplastic). The PEEK™ material will be manufactured to Glenair tubing standards.

All of the Glenair convulsed tubing can be supplied either unjacketed or with a variety of elastomeric materials. Other options include: Dual wall i.e., FEP inner liner and FEP outer liner which can be supplied with various combinations of braid shielding between the liners; Reinforcement support spring option for added crush resistance which can be supplied with the Type A through Type G configurations shown; Internal braid shielding; and special processes such as cross-linking (please consult factory).

BULK CONDUIT LENGTH TOLERANCES

INCHES	
LENGTH	TOLERANCE
12 - 144	+ 2.0
145 - 600	+ 4.0
601 - up	+ 6.0
CENTIMETERS	
LENGTH	TOLERANCE
31 - 366	+ 5.0
367 - 1524	+ 10.2
1525 - up	+ 15.2

